

# PVRC NEWSLETTER DECEMBER 1996

From [\[email protected\]](#) Thu Dec 5 17:25:39 1996  
Date: Wed, 4 Dec 1996 22:16:25 -0500 (EST)  
From: "Dick Wilder (K3DI)"  
To: Steve Affens K3SA  
Subject: December PVRC Newsletter for WWW

## OFFICERS

PRESIDENT KE3Q	RICH BOYD	(301) 464-8014	<a href="#">[email protected]</a>
VICE PRES K3MM	TYLER STEWART	(301) 414-5444	<a href="#">[email protected]</a>
SECRETARY N3OC	BRIAN MCGINNESS	(301) 652-6768	<a href="#">[email protected]</a>
TREASURER N3KTV	JIM HORTON	(301) 258-9731	
HISTORIAN K3SA	STEVE AFFENS	(301) 774-0558	<a href="#">[email protected]</a>

PVRC Charter Members: W3GRF (SK), W3IKN, W4AAV (SK), W4KFC (SK), W4KFT, N0FFZ, W4LUE, W7YS, VP2VI (W0DX).

## PacketCluster Contest/DX System (MHz):

K3NA Frederick MD 145.630  
W3LPL Glenwood MD 145.590 441.250  
KE3Q Bowie MD 145.570 445.375  
N3RR Rockville MD 145.510 441.325  
N4OHE Mt. Weather VA 145.710 440.925  
N4SR Woodbridge VA 145.630 \*  
WR3L Baltimore MD 145.610  
K4FJ Mt. Vernon VA 145.770 \*  
K3MQH S Mountain PA 145.630

The system is sponsored by the Potomac Valley DX Spotting Network except for nodes marked with "\*" are funded & operated by the Rappahannock DX Packetcluster Group.

## PVRC on Internet:

Visit the PVRC Home Page, courtesy of K3SA, at:  
<http://www.access.digex.net/~k3sa/pvrc.html>

Dues are by donation.

The mandatory \$10 dues have been discontinued. So please send your donation - hopefully at least \$10 - to Jim Horton, N3KTV, 8527 Calypso Lane, Gaithersburg, MD 20879-1522. Make checks payable to PVRC. Thank you.

## Newsletter Editor:

Dick Wilder, K3DI, 913 Shore Acres Rd, Arnold, MD 21012-1724. The communication ports are: (410) 757-6706, FAX/modem 757-6720, [\[email protected\]](#), and the DXcluster. The deadline is for the January issue is Monday, December 30.

The Next General Meeting is December 9th (always second Monday):

This meeting is also the annual Christmas Party to at the Outback Steakhouse, Route 123, Vienna, VA from 7:00 PM to 10:00 PM. See next page for details.

## PVRC Calendar:

Mon, Dec 9: General meeting & Christmas Party.  
Early Dec: Deadline to order PVRC QSL's. See article  
Wed, Dec 18: 4th annual "Beezer" Xmas Dinner. See article.  
Tue, Dec 20 NW meeting, Legends Restr, Frederick MD at 8:00 PM

#### PVRC CHRISTMAS DINNER AND GENERAL MEETING

Reminder, PVRC dinner Monday 12/9/96, Outback Steakhouse, route 123, Vienna, Virginia. We now have 42 signed up to come. But, unlike the last few years, we have no minimum that we've committed to -- the signup list is just for information, get an idea how many we have coming so we can tell Outback. But, don't be deterred if you can't lock in 'til that night -- no advance notice to me is required -- just show up and we'll be glad to have the number climb much higher than the 42 we have so far. Or, if you make up your mind to come, between now and then, drop me a packet note or give me a phone call and we'll keep posting the updated expected number

Again, Monday, 12/9/96. Socializing at 7, dinner at 8, program at 9, over by 10.

Featured speaker: Fred Laun, K3ZO. Fred will regale us with stories of his world travels and adventures.

Also, KA3TGY has succeeded in acquiring many, many door prizes! Should be fun.

Oh, cost of the dinner: Order from the menu at regular menu prices. Entrees are in the \$10-\$20 range. 73 - Rich, KE3Q

#### "BEEZER" CHRISTMAS DINNER

The time for the fourth annual "Beezer" Christmas Dinner at Sylvia's Restraunt. The date is Wednesday, December 18th with arrival around 6:00 PM and dinner at 7:00 PM. Please RSVP via packet to WB2BZR.

#### MEETING MINUTES, GENERAL MEETING, 12 NOVEMBER 96, by Rich Boyd, KE3Q

The general (main) meeting of PVRC was held Monday night, 12/11/96 at the Church of the Nativity, Temple Hills, Maryland.

First, the meeting was preceded by the usual dinner at Topolino on nearby Old Branch Avenue. About 12 were there for dinner. WR3Z and ND3A were the first ones there, K3MM (ex-KF3P) last.

20 were present for the meeting. In order of sign-in: KE3Q, K3HH (ex-K3YDX), K3ZO, N3NT (ex-AA3HM), W3CP (ex-W3CPB), W3ZZ, N3RR, K3TLX, N3PRZ guest of N3RR, WK3I, AA4KD, KO7V, K4ZW (ex-KE9A), WR3Z, ND3A, WR3L, K3MM (ex-KF3P), N3RC, W3UR (ex-WR3E), W4CE (ex-KO4FM). New calls for seven out of 20!

We discussed the growth in PVRC and the roster workup, slicing and dicing, that N3OC and KE3Q have been doing, 570 total members of which 209 have moved out of the area, 228 are active in the area, and 133 are inactive in the area. We will be breaking the list into regions and forwarding the regional list to regional chairmen so they can introduce themselves to any they don't know, etc.

N3RR, PVRC trustee, nominated the incumbent slate of officers for another year, the motion was seconded by W4CE and others and the officers were unanimously reelected. (Thank you.)

PVRC on-the-air Reunion certificates were given out to those in attendance who had earned them and the club-high ARRL certificates were awarded to K3ZO for the '96 ARRL DX CW and '96 ARRL DX Phone. Keep that top-10 streak going, Fred!!

For the benefit of those who weren't at the previous month's Vienna, Virginia meeting, various "iterations" of the intra-club PVRC certificates were shown to members, and the latest and best version was shown to the club for the first time. My perception was that the latest one was heartily approved of. Though all the PVRC certificates will not doubt become cherished items, the 1996 PVRC Reunion certificate, a different style than what we're going with now, will no doubt become a special collector's item! hi

When we finally got to our main agenda item, "war stories" (from the recent CQWW phone and SS CW contests), WR3Z spoke about the W3GNQ multi-multi (was going to be multi-single, oops, W3GNQ second computer crashing due to RFI), W4CE spoke about the W4IY M/M at the QTH of KA4RRU, W3HVQ mentioned his third of a million points in WW and tenth of a million points in SS (John noted we all like to speak in terms of millions) and his experimental rotatable wire yagi for 40-10. W3AZ was able to put in 16 hours for 60K in SS CW. KO7V has been doing much antenna work for others and also has put up a pair of 100' AB-105 towers at his new QTH. He had hoped to have his TH7 stack and Cushcraft 2-el 40 up and going by now but has been too busy with his regular job and the antenna work for others (including KE3Q -- tnx!) on the side.

W3ZZ's station is torn apart. Apparently Gene is building a nice new hamshack in his house and expects to be two-radio contesting capable eventually. He was at the W3GNQ multi also.

Globetrotter ND3A has been traveling -- he didn't say where this time. He and his brother, WR3Z had hoped to guest op at WR3L in the upcoming CQWW but the antennas and coaxes on the new 90' tower at WR3L aren't quite ready yet. So, the Shapiro boys are looking for an alternate guest op opportunity.

N3RR mentioned that his 85'-long Force-12 rotatable aluminum dipole at 150' or so is working well. He commented on conditions being good in CQWW and your (CT or other) computer logging settings at 9600 baud instead of 4800 baud makes your radio move to the spot noticeably faster.

N3RR's guest, N3PRZ is Jason, an 18-year-old freshman at Montgomery College who N3RR met on the 147.0 repeater. Jason says he likes mobiling, and if I heard right, roving and giving out QSOs in the VHF contests. He's tech class now, which I took to mean tech no code but I'm not sure, but is studying for general now. He sought me out to fill out a membership application at the end of the meeting. I suggested he could get a second meeting in at the NW regional next Tuesday, and that N3RR could help him upgrade and get into mainstream contesting and such.

WK3I was voted into membership. Richard is an electrician -- good guy to CW. He has a full wave loop for 80 and inverted vee and full wave loop for 160. Welcome, Richard!

K4ZW, ex-KE9A, is still building his station after some years of overseas (like DU) assignments. He had a fine 2.3 million point outing in CQWW phone and that's just the start. He's building an 80M 4-square made of Rohn 25 towers, but will be at W3LPL for CQWW CW.

W3UR was a 20M op at W3LPL for CQWW phone. He mentioned that conditions caused a slow start. The multi-multi category, always tough, has gotten tougher recently with K3LR's scores creeping up (big VE runs during the daytime help), and KC1XX's new multi-multi coming on the scene bigtime.

Frank apparently says the W3LPL station has finished fourth before. But, the station was right there near the other top multis. Oh, W3UR is formerly WR3E, Bernie. (He's still Bernie.) He mentioned weird

conditions, with no Scandinavia worked on 40 and 80 the first night, a 10M half hour opening to Europe (49 stations in 30 minutes) that others didn't get, and that the new 160M four-square worked well, 5-6 db advantage over the 160M slopers. Rates for that same time for K3LR weren't mentioned. Could it be that the 15M opening reached KE3Q (from the east) but didn't reach W3LPL 30 miles to the NW? Bernie mentioned the 15M run, or lack of it, as the main difference between the multi scores.

K3MM was at V26B for CQWW phone, 20M op, made 4,000 QSOs in 162 countries! Nice job! The antenna Tyler used, a pair of 3-el monobanders, one fixed on Europe, the other rotatable. Tyler doesn't know how much he'll be going back to V26B, tho he's been given a permanent invitation to be part of this mostly-FRC operation (guess they like his work). Instead, he thinks he's likely to see what his home station can do, or do a single op Caribbean effort (from a 3-point QTH -- V2, being North America, is 2-point). Unfortunately, one of Tyler's FT-1000MP radios got dropped or something in shipping home and got a little smashed -- he completed repairs an hour before SS, which he says was a mistake -- he had other radios to use and the stress of making the repair on a deadline detracted from his SS prep. In fact, getting home from Antigua just a few days before SS was not optimum for his SS performance. Still, he did a great job in SS and was in the pack of half a dozen top PVRC scores (that included K4PQL, KT3Y, himself, K3ZO, and KE3Q). Tyler had 1193 QSOS in SS CW! Then Tyler told us particulars of his unfortunate plane crash of last week. The early theory is a fuel flow problem during takeoff. In any case, it was apparently a total loss of power at 200-300' at the end of the runway, no chance of returning to the airport -- just had to ditch. Tyler and passenger (who he was hoping to sell the plane to) survived with just bruises.

K3HH (ex-K3YDX) said "Murphy wears many masks." His TS-850 died before CQWW phone. He also had some antenna problems and made some quick repairs. He was able to get on for some SS QSOs and hopes to do better in the upcoming contests.

N3RC has put up an 80' Rohn 45 and is now looking for a tribander to put on it. Unfortunately, his XYL approval would only go so far as one yagi, not two, so the 2-el 40 he'd acquired was sold to K3MM (who will now have a 2/2 stack!).

K3ZO is 4th U.S. in the claimed scores for CQWW phone, single op high power. He noted DX stations in Europe were workable until our W3/W4 sunrise! In SS Fred noted the bands were noisy the first night and he had to ask for fills on about every third QSO.

K3TLX plans to be in Antigua (same station Tyler was at for phone) for CQWW CW. He won't know the call until he gets there.

W3CP (ex-W3CPB) did get on some for WW phone and for SS. (We were running over time-wise and I think Jim was helping us out by keeping his comments very short).

WR3L was 15M single band low power in WW phone and got 102 countries. He's enjoying his DCU-1 CT-controlled Ham-IV rotator. If you have the call sign in the logging field control-F10 (I think he said) moves the antenna to the right direction -- the software automatically gets the country and heading from the call. Neat! Or, type in the beam heading you want and hit control-F10, as I understood it.

N3NT (ex-AA3HM) was on with his stealth station from antenna restrictive Columbia, Maryland for WW phone and made over 100K in SS!

KE3Q enjoyed single op assisted in WW -- was impressed with how fast you

could "run" stations by grabbing them from packet. Enjoyed being in the pileups with the other SOAs like N3RR, N3AD, K3WW, and the multis like N3RS, W3LPL, and N2RM -- all weekend long.

Christmas dinner 12/9 at Outback in Vienna, K3ZO speaker.

WR3L expects to soon have a Buckmaster update on line that will show callsign changes.

(Thanks to N3NT (AA3HM) for his contribution to the minutes.) Meeting was adjourned.

MEETING MINUTES OF NC RFEGION ON NOVEMBER 13TH by Howie, N4AF (ex-K4PQL)

Site. The meeting was held at the qth of N4AF in Apex.

Attendees (by order of sign-in). N4AF Howie, KE4GY Frank, KT4LD Andrew, KS4XG Pete, K4MA Jim, AD4ZE Warren, WB4HFL Henry, N4CW Bert, N3QYE Jim.

Membership- here we GrOW again...This was the second meeting attended by WB4HFL. Congratulations Henry !

Old Business. We went over results in CQWW SSB and ARRL CW. Results from PVRC/NC were great. Looking at the delta, last year, it was pointed out that PVRC/NC score additions would approximate the 1995 difference between PVRC and NCCC in sweepstakes ! Our, present, accumulated score is something over 500K SS points ! In reviewing '95 SS scores, Howie pointed out that K4MA, AC4ZO, AD4ZE, N4CW, and N4AF CW scores were ALL UP !!! In this group, AC4ZO, broke 100K using low power and dipoles. Of 25 scores submitted, in '95 NC SS CW, over a quarter are now PVRC/NC. Jim, K4MA, provided a nice report on the N4ZC M/M station and his experiences there in WW SSB 96.

New Business. Henry, WB4HFL, was recognized and congratulated as our newest member. Frank, KE4GY, was welcomed- this was his first meeting. Howie, N4AF, talked about expectations for SS/SSB- things look good. There was a general discussion about plans, preparation, and strategy for the upcoming SS SSB contest. Because we had two video's and the evening was growing late, some topics were dropped in lieu of our next meeting or via internet discussion. (PVRC/NC membership is 100% internet active.) Courtesy of KS4XG, two videos of W3LPL/95 CQWW and K2GL "To Win The World" were shown. Pictures were taken for a future upload to the PVRC/NC website and, amid, more contest discussion, we adjourned.

NORTHWEST REGIONAL MEETING MINUTES - 11/19/96 by Tyler Stewart - K3MM

The meeting was called to order at 8 PM at Legend's Restaurant in Frederick, MD. In attendance were members: K3MM (ex-KF3P), W4MYA, W9VL, WB2BZR, K3SME, W3LPL, K1DQV, WD3A, W3ZZ, ND3A, K3IXD, W3XY (ex-KC3RN), W9LT, W3GHR, N3RR, K3SKE, N5OKR, K3TM, and NB3O.

Introductions/comments were made around the table. W4MYA claimed 1638/78 in Phone SS and is planning a small M/M for CQWW-CW. N3RR made 687/78 with his Multi/Single team in SS Phone. Just after the contest while setting up for WW-CW, his new IC775DSP apparently blew out it's finals. He later discovered it also had damaged is IC4KL amp. He will operate WW-CW SOA. George, W9VL, made 75k during phone SS. WB2BZR was "cruising" during WW phone. Greg, N5OKR, made 775/78 for 121k points low power in SS phone. K3SME is getting ready for the 160 contest season and has set up a phased vertical array ala N3OC (ex-WA3WJD) and reports that it "really seems to work well". K3SKE op'ed at the W3GNQ MM during WW phone, where they had a myriad of technical problems. WD3A did 11k CW and 16k Phone in

SS while suffering from telephone RFI complaints from the XYL. NB3O and K3TM will operate VO2WL (zone 2) for WW CW. K3TM contributed 83k for CW SS. Roger, "Power-Radio" K1DQV, put up an 80 meter dipole for SS phone at his new house in Ashton and made 207/48 - 20k on 80 low power. Roger plans to put up lots more wire on his 2.5 acre lot in the future. W3ZZ did 35k in SS phone and will be doing EME stuff during CQWW. K3IXD made 39k in SS phone. He will operate from K3VOA in DC for the 10 meter contest. W3XY (ex-KC3RN) never found Delaware in SS phone, making 170/77. W3GHR did 43k in SS phone. W9LT discovered during WW phone that his TH7 is interfering with his Mosley 40 meter beam. He op'ed SSCW 19 hours earning 127k but missed Wyoming. K8OQL joined him for SS phone for 196k Multi-single. K3MM (ex-KF3P) did 1643/78 in SS phone and will operate his first CQWW contest from home as SOA.

Craig, N3NT (ex-AA3HM), needs all PVRC QSL card orders in ASAP. He plans to submit the order very early in December.

There will be a December NW regional meeting at the usual time and place: December 17th (third Tuesday) at Legend's Restaurant. Meeting adjourned.

OVER-THE-HILL LUNCHEON NOVEMBER 19TH by Fred Laun, K3ZO

The November Over-the-Hill meeting was held at the Ramada Inn, Oxon Hill, on Tuesday, 19 November. (The host W3AZ had to stay home with a bad cold, so I have sent the minutes in his absence). Present were K3WX, W3EIV, W3GN, W3CP, K3ZO and guest Ben Swett, a future ham and relative of W3GN's. Photos of the relocation of K3WX's repeater enclosure were passed around. K3WX may be relocating on TDY to Virginia Beach in the near future for about 3 months. W3GN is keeping busy doing genealogical studies on request. He recently was able to dig up information on a ham ancestor in N3AM's family tree. W3EIV has been hearing DX on 80 the past few weeks, leading him to consider stringing a beverage out through the woods. W3CP is enjoying the new call sign. K3WX is receiving more electronics magazines than he can possibly read, a problem shared by K3ZO. The meeting adjourned after 90 minutes of animated conversation.

DC SECTION IN 10M CONTEST by Ed Steeble, K3IXD

Again this year, the K3VOA club has given a crew from PVRC permission to operate in the ARRL 10m Contest, 14, 15 Dec. The team will be K3IXD, KD4QVT, N3NT, W3GHR, and WB3ECU. We will activate the (rare) DC section in both modes.

The ARRL 10m Contest is a club competition contest too. Get on, make some Qs, send in your log, and lets win this one. Last year we were a distant second in the medium club class.

THE PVRC EXCHANGE by Ed Steeble, K3IXD [\[email protected\]](#)

N3NT (ex-AA3HM), tells me that over 33000 PVRC QSL cards were ordered. We hope you didn't miss out since he doesn't plan on doing another order until next fall. (A packet msg from N3NT says he will place the order in "early December" which is when you'll get this Newsletter. If you act fast you may be able catch this order. -editor)

To order a PVRC name badge provide your call sign, your name as it is to appear on the badge, and \$5 (or \$7 if you want it mailed to you instead of picking it up at a club meeting). Mail a check (payable to Brian McGinness) to N3OC (ex-WA3WJD), Brian McGinness, 4618 DeRussey Pkwy, Chevy Chase, MD 20815.

I am still planning on having the order form for another PVRC silk

screened Tshirt, sweat shirt, hat, and embroidered golf shirt order in the January Newsletter.

#### VANITY CALL SIGNS

The following list that converts new vanity calls to old calls was extract by the club Secretary, Brian "WJD" (now N3OC) from the PVRC database. If you have a new call and are not listed, please let Brian know so that he can update the database. Same goes for additions or updates of Internet addresses.

NEW	OLD	NAME	INTERNET
-----	-----	-----	-----
K3HH	K3YDX	HANK	
K3KY	K3YGU	DAVE	
K3LP	AA6DC	DAVE	
K3MM	KF3P	TYLER	<a href="#">[email protected]</a>
K3SC	AE3C	RON	
K4MA	KI4HN	JIM	<a href="#">[email protected]</a>
K4SO	KX3Q	MARK	
K4UX	KG4O	AL	
K4ZA	WZ3Q	DON	<a href="#">[email protected]</a>
K4ZW	KE9A	KEN	<a href="#">[email protected]</a>
N1KC	N1KCE	BRIAN	<a href="#">[email protected]</a>
N3GM	AK2P	RON	
N3HF	AA3HA	MARK	<a href="#">[email protected]</a>
N3NT	AA3HM	CRAIG	<a href="#">[email protected]</a>
N3OC	WA3WJD	BRIAN	<a href="#">[email protected]</a>
N4AF	K4PQL	HOWIE	<a href="#">[email protected]</a>
N4UK	KP4XS	KEN	<a href="#">[email protected]</a>
N4ZJ	AD4KE	TOM	
N7PD	K7GPD	ANDY	
W1ECT	WA3ECT	MIKE	<a href="#">[email protected]</a>
W3CP	W3CPB	JIM	<a href="#">[email protected]</a>
W3HR	AA3OC	JOHN	
W3KC	W8KUX	CHARLES	
W3KN	N3QYA	ANDY	
W3PP	K3WUW	DALLAS	<a href="#">[email protected]</a>
W3TN	AA3DI	BILL	
W3UR	WR3E	BERNIE	<a href="#">[email protected]</a>
W3XY	KC3RN	DENLEY	
W4CE	KO4FM	CLIFF	<a href="#">[email protected]</a>
W4NF	WB4NFS	JACK	
W4RM	WB4RMJ	BILL	
W4SD	N4AIG	O. B.	
W4XP	WA6GVC	CHUCK	<a href="#">[email protected]</a>
W8ZA	K3ZNV	BOB	<a href="#">[email protected]</a>

#### PVRC CONTEST SCORES

by Dave Blanchard, N3II

The scores of the following four contests are as reported to me as of noon on December 1st. Please send me any corrections or additions.

#### CQWW DX PHONE CONTEST\*\*\*\*\*

##### SINGLE OP (NO PACKET)

CALL	2053	129	411	3083400
K3ZO				
KE9A	1610	116	381	2268308
K4PQL				1362550
AA4EL	955	87	301	1027036
W9LT	900	104	299	1010321

K3ZNV		521	83	226	446196
N3HBX	20M	755	33	131	339644
N3QYA		360	67	152	210678
W3UJ	LP	353	56	156	206488
NE3H		270	70	164	172692
N4MO	20LP	453	26	107	170107
N3KVF		229	47	109	100620
K3SWZ	20LP	301	26	94	98760
KC4B		207	32	85	68679
KA3TGY	LP	135	47	106	50490
W4YV	10M	319	16	50	47058
W3TMZ	40M	161	24	69	41385
WB3ECU	QRP	134	34	79	40584
N3JT	40M	152	20	62	34850
W3FTG	LP	70	31	52	14608
K3SME	160	39	10	24	2400

SINGLE OP ASSISTED

KE3Q		1775	130	465	3004756
N3RR		1416	131	465	2380424
WB2NQT		1111	111	415	1631126
AA3HA		1050	109	391	1483000
N3II		608	88	288	641832
K3YGU		489	89	259	467250
K3IXD		500	80	263	463393
AA3HM		478	76	233	402009
W3OV		441	73	222	362850
W3HVQ		419	83	235	352980
K6IR	LP	301	63	155	196854
N3AM		237	60	180	157200
K3SA	LP	226	57	137	117952
W1IHN					53169
K3DI		45	22	37	6785

MULTI SINGLE

8P9Z	11,700,000/5	4,680,000
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MULTI MULTI

W3LPL	4871	159	639	10300000
W4MYA	3097	144	547	5618521
V26B	13431	153	672	2992000
				(26,928,000/9)
W3GNQ	1671	128	461	2676416

GRAND TOTAL 48,775,050

MULTIOP OPERATORS

W3LPL: K1HTV ND3F N3KTV K3ZZ N3AHA W3LPL WR3E K3RA W0ZV K1RZ N5OKR  
W4MYA: N4EHJ AD4TS WA4DAI KD4JXY WA4QDM KS4RX KC4AUF WU4G WK4Y  
WB8GAU AD4KE WB4GVZ KB4DI W4MYA  
V26B: KF3P and 8 'others'  
W3GNQ: AA6DC W3ZZ WR3Z K3SKE WI2T  
WA3WJD W3GNQ  
8P9Z: K4FJ K3KG and 3 'others'

CQWW DX CW CONTEST*****
CALL QSO ZONES CTY TOTAL

SINGLE OP (NO PACKET)



V26LN		3991	107	326	4332598
K3ZO		2521	141	446	4189419
KT3Y		2482	120	404	3734000
A61AJ		2646	98	293	2813072
N4AF					2544373
N4CW					2283380
W9LT		1314	115	348	1704303
K7SV	LP	916	115	317	1120176
W3HVQ		825	81	241	756378
W3AZ		625	100	273	648274
WF3J		619	92	255	594758
KG4ML		1445	58	128	538482
W3UJ	LP	579	70	228	484846
AA4EL		440	104	236	399840
K3DI	QRP	450	64	202	325584
W4ZYT		338	68	181	239787
W3GN		320	72	175	210938
W4IF		316	49	147	178360
N3TG	LP	296	58	163	175916
WA4DAI		241	55	137	131328
W3CP	LP	249	50	141	130071
W3TMZ	40M	305	33	101	114704
N3UN	LP	224	52	126	109292
NY3M	LP	167	42	92	60836
K4MA	80M	185	16	71	39961
W4VC	LP	119	22	64	28466
WV3B/5	LP	81	31	56	18009
W3DAD	LP	73	18	51	13869
W4YV	10M		19	44	13041

SINGLE OP ASSISTED

K3MM		2000	148	508	3737888
N3RR		1469	144	454	2484690
N3AM		1188	114	372	1638306
KE3Q		896	130	411	1322745
N3II		751	109	358	976497
N3NT		750	103	345	916567
WR3L	LP	441	82	241	398905
W3FG	LP	419	65	213	317754
K3KY		375	83	201	291384
W4NF		245	42	131	119024
W4DR	160M	164	18	72	39510
N2QT	160M	145	18	62	30880
K3SME	160M	65	13	45	8524

MULTI SINGLE

W3GG		2100	135	464	3567045
N3OC		1184	125	441	1869498

MULTI MULT

W3LPL		5960	185	699	4910000
W4MYA		2666	144	517	5002448
NJ4F		1648	108	321	2002572

TOTAL 61,034,289

OPERATORS:

V26LN	K3TLX
A61AJ	K3LP (EX-AA6DC)
N3OC	WR3Z ND3A N3OC
NJ4F	K4EC K4GMH K4CE KA4RRU

KJ4F  
 W3GG AA3KX WD3I W3GG  
 W4MYA WA4QDM W4MYA  
 W3LPL 160:K1HTV AI3M K3MQH  
 80: W3LPL W4ZV  
 40: K4ZW KO7V  
 20: K3NA K3RA ND3F  
 15: W3UR K6ZH  
 10: K3MQH K2YWE

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ARRL SWEEPSTAKES PHONE\*\*\*\*\*

CALL	QSO	SEC	TOTAL
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SINGLE OP HI PWR (NO PACKET)

K3MM	1643	78	256,308
W4MYA	1638	78	255,528
N4AF			234,156
K4MA			221,988
K3ZO	1111	77	171,094
W3HVQ	680	78	106,080
AA4EL	664	78	103,584
N3JT	500	73	73,000
K4SO	429	78	66,924
N4CW			62,720
N3II	400	78	62,400
WA4DAI	342	70	47,880
K3IXD	291	68	39,576
K3SA	261	70	36,540
W4ZYT	226	67	30,284
KC4B	205	66	27,060
NV3V	132	49	12,936

SINGLE OP LOW PWR (NO PACKET)

K1RA	1116	78	174,096
N5OKR	775	78	120,900
W3KN	650	77	100,100
K3MQH	480	73	70,080
N3UN	380	78	59,280
W3GHR	305	71	43,310
K3SV	200	69	27,600
KA3TGY	195	70	27,300
WV3B/5	193	61	23,546
K3HH	160	66	21,120
WD3A	145	64	18,560
N3NT	144	62	17,856
W3CP	138	58	16,008
W3AZ	82	42	6,888
N3TG	18	15	540

SINGLE OP QRP (NO PACKET)

W2EOS	156	67	20,904
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MULTI OP (INCLUDES SINGLE/PKT)

KE3Q	1632	78	254,592
W9LT	1259	78	196,404
K3DI	734	78	114,504
N3RR	685	78	106,860
ND3F	674	77	103,796

W4NF	546	77	84,084
K3KY	280	76	42,560
N3KVF	273	74	40,404
WA4QDM	236	77	36,344
N1KC	189	78	29,484
W4VC	205	69	28,290
KB3BLK	193	72	27,792
KO7V	238	58	27,608
W3UR	32	14	896
			3,626,218

MULTIOP OPRS:

K3DI	K3DI	WD4IEH
N3RR	N3KTV	N3RR
W9LT	K8OKL	W9LT
KB3BLK	WI3N	W3YD W3LM W3DAD WV3D
	N3MJA	N3LDY N3TZA N3LFL
	KA8YPY	KN3ZS

ARRL CW SWEEPSTAKES\*\*\*\*\*

CALL	QSO	SEC	TOTAL
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SINGLE OP HI PWR (NO PACKET)

KE3Q	1271	77	195,734
K4PQL	1210	77	186,340
KF3P	1193	78	186,108
K3ZO	1174	78	183,144
KT3Y	1177	77	181,250
N4ZR	1072	78	166,452
W9LT	825	77	127,050
WB4NFS	799	75	119,850
W1IHN	740	78	115,440
KI4HN	750	75	112,500
W3HVQ	659	75	98,850
WA3WJD	610	73	90,228
KE9A	470	75	70,500
W3AZ	418	74	61,684
K3TLX	428	72	61,344
W3TMZ	40 424	71	60,208
N3AM	399	72	57,456
AA4EL	372	77	57,288
K4VV	304	64	38,912
W4VC	226	64	28,928
W3GN	40 74 40		5,920

SINGLE OP LOW PWR (NO PACKET)

K3SA	773	77	119,042
WB4RMJ	759	74	112,332
W4YE	711	78	110,916
AA3HM	661	78	103,116
K4BAM	653	77	100,562
K3MQH	501	75	75,150
N3JT	500	74	74,000
AA3KX	478	75	71,700
N4MO	400	70	56,000
WV3B	300	69	41,400
W3CPB	285	73	41,040
WR3E	251	62	31,124
WA4DAI	211	64	27,008
W3FTG	152	63	19,152

K3YDX	137	55	15,070
W3DAD	112	51	11,424
WD3A	121	46	11,132
ND3F	104	45	9,450

#### SINGLE OP QRP NO PACKET

K3DI	448	78	69,888
AK2P	413	73	60,298

#### MULTIOP (INCLUDES SINGLE W/PKT)

NJ4F	1050	78	163,800
W4ZYT	583	73	85,118
K3YGU	447	76	67,944
N6CQ	425	78	66,300
WD3P	421	72	60,624
N3II	289	75	43,450
WA4QDM	239	76	36,328
NY3G	222	75	33,300
TOTAL		3	921,854

#### MULTIOP OPRS:

W4ZYT: N4AIG KC4VZK W8RJE WD0CNQ  
 K4KOE W4ZYT  
 NJ4F: K7SV N4GUS K4GMH NJ4F &  
 'DAISY the DX DOG'

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EVEN MORE AMATEUR RADIO SITES ON THE INTERNET by Leo Boberschmidt, KA3TGY  
[\[.email protected\].\]](#)

Here are even more amateur radio web sites that might be of interest to you. Note that some of these sites are links from other sites listed; I just wanted to highlight some of these links. Also note that some of these sites may already be bookmarked on the PVRC Home Page; it's hard to keep ahead of K3SA! If you are somewhat new to Internet searching, don't be daunted by all the sites you might find. There is, indeed, a lot of information out there. If you are searching for a particular topic, the best thing to remember is that it is somewhat like going into a library that has 10 to 15 card catalogues; you might have to look through several of them to find your information. If there is some ham radio area that is of particular interest to you, let me know at the above e-mail address; I may already have a site bookmarked.

#### Clubs and Call Signs:

DK0TUI [Amateur Radio Club Station at the Technical University of Ilmenau].

Lots of interesting links at this site:

<http://www.systemtechnik.tu-ilmenau.de/ham/ham.html>

The "Unofficial" DL Callbook:

[http://www.systemtechnik.tu-ilmenau.de/ham/dl\\_calls.html](http://www.systemtechnik.tu-ilmenau.de/ham/dl_calls.html)

Prefixes of the Former Soviet Union:

[http://www.systemtechnik.tu-ilmenau.de/ham/ham\\_russ.html](http://www.systemtechnik.tu-ilmenau.de/ham/ham_russ.html)

Federal Communications Commission:

Directory of FCC Publications [ftp site with several levels]:

<ftp://ftp.fcc.gov/pub/>

How To Find FCC Information on the Internet [22 Oct 96 Open Forum]:  
[ftp://ftp.fcc.gov/pub/reference\\_tools/webhow2\\_102296.html](ftp://ftp.fcc.gov/pub/reference_tools/webhow2_102296.html)

#### History:

Letters From J. Harvey McCoy, W2IYX [late editor and publisher of Long

Inland DX Bulletin]:  
<http://www.efn.org/~qcwa/p96lettr.htm>

QCWA On-Line Amateur Radio Museum:  
<http://www.efn.org/~qcwa/qcmuseum.htm>

#### Operating:

1996 Caribbean Tour by PA3BBP, PA3ERC, PA3EWP, PA3FQA:  
<http://www.igr.nl/~pa3dmh/tour1996.htm>

1996 CQWW-SSB: QSL Routes [compiled by EA5EYJ; alpha by prefix]:  
<http://www.coredcs.com/~mtw/misc/upea5eyj.htm>

Earth View [see the greyline on physical map or view your location from  
148  
million kilometers]:  
<http://www.fourmilab.ch/cgi-bin/uncgi/Earth>

Spread Spectrum Scene Online Home Page:  
<http://sss-mag.com/>

#### People:

Kevin VE6LNZ's Amateur Radio Page [lots of VE6 information]:  
<http://www.cuug.ab.ca:8001/~lenzk/ham.html>

NCJ Editor AA5B:  
<http://www.waterw.com/~ncj/aa5b.html>

#### Products and Commercial Sites:

Digital Voice Processors:  
<http://www.sysu.com/DVP/textxtra/default.htm>

DVP and CT Configuration Guide for Power Users:  
<http://www.sysu.com/DVP/textxtra/power.htm>

LogSat Professional for Windows [satellite tracking software]:  
<http://www.logsat.com/>

Solder-It Co. [low temperature solder pastes; also has "QSLs on the Web"]:  
<http://www.solder-it.com/>

TR Contest Logging Program by N6TR:  
<http://www.qth.com/tr/>

W9XT Contest Card [Voice Keyer & CW Interface for IBM PC And compatible  
computers]:  
<http://www.qth.com/w9xt/>

Yahoo!:Amateur Radio Retailers:  
[http://www.yahoo.com/Business\\_and\\_Economy/Companies/Media/Radio/Amateur\\_Radio/Retailers/](http://www.yahoo.com/Business_and_Economy/Companies/Media/Radio/Amateur_Radio/Retailers/)

#### Reference:

Amateur Radio Elmers Resource Directory [URL for this site appeared on page 58 of the October 1996 QST: includes a subject index and a geographic index (by country and by state within U.S.). Includes personal e-mail addresses and site URLs for each category or country]:

<http://www.gonix.com/pschleck/elmers/>

Amateur Radio Sites:

<http://www.mcs.com/~jfharold/amateur.htm>

Hams e-mail address file [Last update August 24 1994 but a LONG file: about 650k]:

[file://ftp.cs.buffalo.edu/pub/ham-radio/hams\\_on\\_usenet](file://ftp.cs.buffalo.edu/pub/ham-radio/hams_on_usenet)

VANITY CALL TEAR OFF SHEET.

Here are three lists of vanity call conversions. Clearly not up to date and some redundancy. (What do you expect from a volunteer editor? ) The first are from a list prepared by K1BG on 13 Nov, and the second is from KM4KA dated 22 Nov and the last from the PVRC database dated 1 December. Be sure to message N3OC if your new call in the last list.

AD1G now N1RJ  
AD8V now W1ZZ  
AI1N now K1MZ  
AJ1X was AA1AK  
K1AE was K1FWF  
K1AJ was WA1G  
K1AM was K1IU  
K1BD was WA1PEL  
K1CA was K1MNS  
K1EU was KD2EU  
K1GE was WO1P  
K1HC was WV1U  
K1HQ was WA1KSY  
K1IU now K1AM  
K1JN was KA1MH  
K1KW was WA1EKV  
K1LL now K1ART  
K1MO was K1HMO  
K1MS was KA1YQ  
K1MZ was AI1N  
K1NY was KE2N  
K1OA was WA2CJT  
K1OZ was KA1FMR  
K1RC was K1CGJ  
K1RV was KM1Y  
K1SD was KD1NG  
K1SG was WA1AYS  
K1SM was WA1IML  
K1TH was NO1J  
K1TI was NX1H  
K1WD was KB1AXF  
K1ZL was KB1BPE  
K2BF was K2PBP  
K2WE was NI2C  
K2ZZ was KC2QF  
K3HN was WB2AMM  
K3KY was K3YGU  
K3SV was NY3G  
K4ZW was KE9A  
K5RO was WN4KKN  
K9PG was WX9E  
KA2D was KA2DFO  
KD2L now W2KD  
KE2N now K1NY

KE9A now K4ZW  
KM1Y now K1RV  
KT1O now W1ES  
KV3J now W3KB  
KW2P now W2SF  
KY1H now K1TTT  
KZ2S now N2NC  
N1BB was K1JKS  
N1DG was WB2DND  
N1ET was WS1H  
N1KB was KJ4KB  
N1RJ was AD1G  
N1RR was WZ1R  
N1TT was N1HEO  
N1WL was NI1Y  
N2NC was KZ2S  
N2TU was NN2G  
N2TX was KF2ET  
N3HR was WA3WQP  
N3OC was WA3WJD  
N9GG was WN3K  
NI1Y now N1WL  
NI2C now K2WE  
NN2G now N2TU  
NO1J now K1TH  
NO1U now W1WZ  
NX1H now K1TI  
NY3G now K3SV  
NZ1U now W1RE  
W1AO was WA1N  
W1CN was KD1EG  
W1EK was N1OCS  
W1ES was KT1O  
W1IA was WB1ELA  
W1LP was N1KTM  
W1MD was WT1S  
W1MI was K1CMI  
W1NA was KA1BQ  
W1RE was NZ1U  
W1RH was AA1KY  
W1SM was K1GBU  
W1SU was KB2FD  
W1TE was WA3TXR  
W1TQ was WA1TET  
W1UK was KC1SJ  
W1WZ was NO1U  
W1XF was KD1TM  
W1ZZ was AD8V  
W2KD was KD2L  
W2PV was YCCC  
W2SF was KW2P  
W2WC was K2POF  
W2WG was AA2UV  
W2XX was AA2DU  
W2YQ was WO2M  
W2YR was WA2WYR  
W3BW was W1HIC  
W3KB was KV3J  
W3KN was N3QYA  
W4AG was W8YA  
W4AU was W3GOI  
W4XP was WA6GVC  
W8YA now W4AG

WA1G now K1AJ  
WA1N now W1AO  
WN3K now N9GG  
WO1P now K1GE  
WO2M now W2YQ  
WS1H now N1ET  
WS1J now W1CNY  
WT1S now W1MD  
WV1U now K1HC  
WX9E now K9PG  
WZ1R now N1RR  
YCCC now W2PV  
AA1AK now AJ1X  
AA1EO now K1AVE  
AA1KY now W1RH  
AA2DU now W2XX  
AA2UV now W2WG  
K1ART was K1LL  
K1AVE was AA1EO  
K1CGJ now K1RC  
K1CMI now W1MI  
K1FWF now K1AE  
K1GBU now W1SM  
K1HMO now K1MO  
K1JKS now N1BB  
K1MNS now K1CA  
K1TTT was KY1H  
K2PBP now K2BF  
K2POF now W2WC  
K3YGU now K3KY  
KA1BQ now W1NA  
KA1MH now K1JN  
KA1YQ now K1MS  
KB2FD now W1SU  
KC1SJ now W1UK  
KC2QF now K2ZZ  
KD1EG now W1CN  
KD1NG now K1SD  
KD1TM now W1XF  
KD2EU now K1EU  
KE2DI now WB2VUO  
KF2ET now N2TX  
KJ4KB now N1KB  
N1HEO now N1TT  
N1KTM now W1LP  
N1OCS now W1EK  
N3QYA now W3KN  
W1CNY was WS1J  
W1HIC now W3BW  
W3GOI now W4AU  
WB2QJ was WB2QJY  
KA1FMR now K1OZ  
KA2DFO now KA2D  
KB1AXF now K1WD  
KB1BPE now K1ZL  
WA1AYS now K1SG  
WA1EKV now K1KW  
WA1IML now K1SM  
WA1KSY now K1HQ  
WA1PEL now K1BD  
WA1TET now W1TQ  
WA2CJT now K1OA  
WA2WYR now W2YR



WA3TXR now W1TE  
WA3WJD now N3OC  
WA3WQP now N3HR  
WA6GVC now W4XP  
WB1ELA now W1IA  
WB2AMM now K3HN  
WB2DND now N1DG  
WB2QJY now WB2QJ  
WB2VUO was KE2DI  
WN4KKN now K5RO  
AJ4L WB4GTW  
K0EX NW4Y  
K4AB WZ4F  
K4BI N3AHI  
K4BS KQ4NY  
K4CK KB4EXO  
K4CM KB4DMI  
K4CN KB4HU  
K4CU KD4HA  
K4EL WA4FVT  
K4GO KL7TF  
K4JD KD4JD  
K4JW WD4ALH  
K4KR W8ZF  
K4LI AA4LI  
K4MD WD4R  
K4NA WB4VKW  
K4NO KC4ZV  
K4OJ K1ZX  
K4PC N4YGY  
K4RO WR3O  
K4UJ KR4UJ  
K4UU WB4FLB  
K4WG KD4BPI  
K4WS AE4Z  
KM4H WA4TKR  
N3LW AD4OF  
N4AX N4RNK  
N4CH WB4DBB  
N4CW W1IHN  
N4DF K8KJN  
N4FN KC4MJ  
N4GN KJ4VH  
N4NM AD4Y  
N4RF AB4AE  
N4RW KO4WE  
N4UH N4DUG  
N4VB N4AVB  
N4YO N4YOS  
N5NJ KR2J  
NN4E KJ4HL  
NN4T WA4CTA  
W2UX WA2UAX  
W4BG KE4SK  
W4CK WB4CSK  
W4CZ WA4MCZ  
W4EA N4DVW  
W4EAE WD4MPS  
W4FC WB4LFM  
W4IU WB4IUX  
W4LK K4ICX  
W4LM WB9SHC  
W4LSW K4HQI

W4MA	KO4XF
W4MW	WB4WTC
W4NO	WB4HOK
W4NS	K4CEF
W4PV	WA4ZBC
W4QB	KB8DB
W4RJ	KI4M
W4RRU	WB4NDX
W4SU	WA4EXA
W4TE	KO4RQ
W4TO	K4IUV
W4VHF	WA4VCC
W4WA	AB4RU
W4WN	W5VWN
W4WW	N4PYD
W4YO	W4MGN
W4ZV	W0ZV
W4ZX	WA4DPU
WA4INQ	KD4BY

K3HH	K3YDX	HANK
K3KY	K3YGU	DAVE
K3LP	AA6DC	DAVE
K3MM	KF3P	TYLER
K3SC	AE3C	RON
K4MA	KI4HN	JIM
K4SO	KX3Q	MARK
K4UX	KG4O	AL
K4ZA	WZ3Q	DON
K4ZW	KE9A	KEN
N1KC	N1KCE	BRIAN
N3GM	AK2P	RON
N3HF	AA3HA	MARK
N3NT	AA3HM	CRAIG
N3OC	WA3WJD	BRIAN
N4AF	K4PQL	HOWIE
N4UK	KP4XS	KEN
N4ZJ	AD4KE	TOM
N7PD	K7GPD	ANDY
W1ECT	WA3ECT	MIKE
W3CP	W3CPB	JIM
W3HR	AA3OC	JOHN
W3KC	W8KUX	CHARLES
W3KN	N3QYA	ANDY
W3PP	K3WUW	DALLAS
W3TN	AA3DI	BILL
W3UR	WR3E	BERNIE
W3XY	KC3RN	DENLEY
W4CE	KO4FM	CLIFF
W4NF	WB4NFS	JACK
W4RM	WB4RMJ	BILL
W4SD	N4AIG	O. B.
W4XP	WA6GVC	CHUCK
W8ZA	K3ZNV	BOB